

# PRANAV LAYGUDE

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## TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Python, Java
Front-End	React.js, Next.js, Vue.js, Nuxt.js, Electron.js
Back-End	Node.js, Nest.js, Express.js, Django, Flask, Deno.js
AI / ML	Retell AI, OpenAI API, LangChain, RAG, pgvector, Stable Diffusion, Groq
Databases	PostgreSQL, MongoDB, MySQL, Supabase, TypeORM, PrismaORM
Cloud & DevOps	Docker, AWS (EC2, S3), GCP, Kubernetes, Jenkins, CI/CD
Other	Git, GitHub, GitLab, SSI, Verifiable Credentials, Blockchain, WebSockets

## EXPERIENCE

**Senior Backend Developer** Feb 2026 – Present  
Information Data Systems (IDS) *Remote*

- Built a blockchain-based identity solution leveraging **Self-Sovereign Identity (SSI)** principles.
- Designed and developed scalable backend services using **NestJS** and **PostgreSQL**.
- Containerized services with **Docker** and deployed on **AWS EC2** with **S3** integration.
- Implemented secure identity verification and credential management workflows.

**Full Stack Engineer** Jan 2024 – Present  
DSystems *Remote*

- Built scalable and secure web applications using **React.js**, **Node.js**, and **Nest.js** with a focus on clean, efficient code.
- Designed and optimized RESTful APIs to support platform functionality, reducing API response time by 25%.
- Developed CI/CD pipelines with **Docker** and **Jenkins** to streamline deployment processes.

**Backend Developer** Jun 2025 – Aug 2025  
Soulverse *Remote*

- Built REST APIs using **NestJS**, **Express**, and **Python** for core platform services.
- Implemented **Self-Sovereign Identity (SSI)** with blockchain-based **Verifiable Credentials**.
- Built AI image generation pipelines using **Stable Diffusion** via **Hugging Face**.
- Deployed and managed microservices on **AWS** and **GCP**.

**Software Engineer** Sept 2021 – Aug 2023  
AyanWorks Technology Solutions Pvt. Ltd. *Pune, India (Hybrid)*

- Developed and optimized RESTful APIs with **Node.js** and **Nest.js**.
- Built scalable solutions with **PostgreSQL** and **MongoDB** for efficient data management.
- Contributed to blockchain-based decentralized identity solutions leveraging **Hyperledger Indy**.

## EDUCATION

**Master's in Software Engineering – (Merit)**, Cardiff University **Sept 2023 – Sept 2024**

**Bachelor's in Computer Engineering – (Distinction)**, Pune University, India **June 2019 – June 2021**

## PROJECTS

## **WiseInterview – AI Hiring Platform (GitHub)**

**2025**

- Built an AI-powered interview platform using **Next.js**, **NestJS**, and **Retell AI** for real-time voice-based interview sessions.
- Implemented candidate evaluation pipelines with **LLM**-based scoring and feedback generation.

## **AI Stock Intelligence Platform (GitHub)**

**2026**

- Developed an AI-driven stock analysis tool using **Next.js** and **OpenAI API** to deliver real-time market insights and recommendations.
- Integrated live financial data feeds with an intelligent **RAG**-based Q&A layer for contextual stock queries.

## **MindMatch – Puzzle & Game App (GitHub)**

**2026**

- Designed and built a browser-based puzzle game with a fully custom landing page using **React.js** and **SVG** animations.
- Focused on smooth UX, responsive design, and engaging gameplay interactions.

## **CERTIFICATIONS**

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- Learning Git and GitHub (2021)
- Docker for Developers (2022)